

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	2	"4751471".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 16:45
L5	126	(US-20070004988-\$ or US- 20080180042-\$ or US- 20040158167-\$ or US- 20040243018-\$ or US- 20040210158-\$ or US- 20050192488-\$ or US- 20040253652-\$ or US- 20040019292-\$ or US- 20040205424-\$ or US- 20040181164-\$ or US- 20040171961-\$ or US- 20020123694-\$ or US- 20020161310-\$ or US- 20020002389-\$ or US- 20050107719-\$ or US- 20050054939-\$ or US- 20070293783-\$ or US- 20080076998-\$ or US- 20080009764-\$ or US- 20080009757-\$ or US- 20080004904-\$ or US- 20080004543-\$ or US- 20060241514-\$ or US- 20060200033-\$ or US- 20060151815-\$ or US- 20060085048-\$).did. or (US-20040243019-\$ or US- 20040181141-\$ or US- 20040167423-\$ or US- 20040167422-\$ or US- 20040152997-\$ or US- 20030216661-\$ or US- 20030105411-\$ or US- 20030009110-\$ or US- 20030004433-\$ or US- 20010047127-\$ or US- 20070010758-\$ or US- 20030109798-\$ or US- 20030004432-\$ or US- 20040127811-\$ or US- 20060009710-\$ or US- 20050004490-\$ or US- 20040092839-\$ or US- 20030088185-\$ or US- 20010051774-\$ or US- 20040201510-\$ or US- 20020113626-\$ or US-	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/10/23 17:26

20010025139-\$ or US-  
20050218974-\$ or US-  
20030073916-\$ or US-  
20010021813-\$ or US-  
20010049479-\$).did. or  
(US-6768921-\$ or US-  
7409243-\$ or US-7302292-  
\$ or US-6122544-\$ or US-  
5919142-\$ or US-5810742-  
\$ or US-5807251-\$ or US-  
5746214-\$ or US-5704355-  
\$ or US-5588429-\$ or US-  
5544662-\$ or US-5465730-  
\$ or US-4486835-\$ or US-  
7199594-\$ or US-6970738-  
\$ or US-6856125-\$ or US-  
6631292-\$ or US-6385474-  
\$ or US-6339722-\$ or US-  
5311878-\$ or US-4557271-  
\$ or US-4537203-\$ or US-  
4407300-\$ or US-4365634-  
\$ or US-6625483-\$ or US-  
4727330-\$).did. or (US-  
4708146-\$ or US-5372141-  
\$ or US-7148701-\$ or US-  
6996428-\$ or US-6832111-  
\$ or US-6751500-\$ or US-  
6587715-\$ or US-4008712-  
\$ or US-5749369-\$ or US-  
6845264-\$ or US-4291708-  
\$ or US-6625487-\$ or US-  
6295468-\$ or US-5063937-  
\$ or US-4823797-\$ or US-  
7315767-\$ or US-6922586-  
\$ or US-6684101-\$ or US-  
6236886-\$ or US-5623938-  
\$ or US-5454377-\$ or US-  
3971365-\$ or US-6584348-  
\$ or US-5415164-\$ or US-  
6798268-\$ or US-5381333-  
\$ or US-5086781-\$).did. or  
(US-6553250-\$ or US-  
5963679-\$ or US-5121090-  
\$ or US-6133787-\$ or US-  
6335642-\$ or US-4751471-  
\$ or US-5337230-\$ or US-  
4243044-\$ or US-5042499-  
\$ or US-7256575-\$ or US-  
6841987-\$ or US-7402991-  
\$ or US-6438412-\$ or US-  
4236511-\$ or US-6281699-  
\$ or US-6018677-\$ or US-  
3871359-\$ or US-4947862-  
\$).did. or (EP-576114-\$).  
did. or (WO-02053028-\$ or  
WO-2004047643-\$).did.

L6	18	gain same program\$ and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/23 17:26
S1	1525	(600/547).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 10:30
S2	125	(600/506).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 10:30
S3	97	(600/536).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 10:31
S4	210	(324/600).CQLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 10:31
S5	903	smith-kenneth\$.in. zhang-frank\$.in. ironstone-joel\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:33
S6	111	S5 and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:33
S7	5	"722509".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:37
S8	2	"6768921".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:40
S9	28	("4034854"   "4291708"   "4365634"   "4407300"   "4458694"   "4486835"   "4537203"   "4539640"   "4557271"   "4583549"   "4617939"   "4688580"   "4763660"   "4942880"   "5143079"   "5311878"   "5372141"   "5465730"   "5544662"   "5588429"   "5704355"   "5746214"   "5807251"   "5810742"   "5919142"   "6122544"). PN. OR ("6768921").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 10:41
S10	1	"6122544".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 10:42

S11	2	("4486835"   "6122544"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 10:43
S12	1	WO-02053028-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:45
S13	448479	impedance or ((bio or biological) near4 impedance) or (bioelectrical near4 impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:57
S14	1721	((bio or biological) near4 impedance) or (bioelectrical near4 impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:57
S15	96150	(current or signal or voltage) with phase with shift	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:58
S16	77	S14 and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 10:58
S17	334	differential same (current or voltage) same stimu\$3 same signal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:08
S18	172	S17 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:09
S19	2	S17 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:09
S20	1	("2004/0158167").URPN.	USPAT	OR	ON	2008/08/20 11:11
S21	1662	S1 or S2 or S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:23
S22	9	S21 and (phase near4 shift) same (supply or generator) same (current or voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:36
S23	9	"2002002389" "2002123694" "2002161310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:39

S24	6	"20020002389" "20020123694" "20020161310"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:40
S25	0	("180near4degree \$3samephase").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/20 11:44
S26	34934	"180" near4 degree\$3 same phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:45
S27	8	S1 and S26	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:45
S28	130	(tetrapolar or (tetra near4 polar)) same impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 11:57
S29	7	"151233".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/20 12:09
S30	8	("3608543"   "3750649"   "3848582"   "4324257"   "4448199"   "5353802"   "6091977").PN. OR ("6996428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 12:15
S31	18	("4458694"   "4710550"   "4741343"   "4780661"   "5433717"   "5630426"   "5807395"   "5810742"   "6055452"   "6109270"   "6176857"   "6241725"   "6251073"   "6298726"   "6308097"   "6470217"   "6640139").PN. OR ("6832111").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 12:16
S32	1	"4008712".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 12:17
S33	1	"7212852".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 12:38
S34	8	("20020093992"   "4184486"   "4291708"   "5415164"   "5919142"   "6584348"   "6625487"   "6845264").PN. OR ("7212852").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 12:38
S35	2	("4291708" "5704355").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 12:40

S36	65714	(voltage same divider) same (stimul\$4 or signal)	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 12:49
S37	54	S1 and S36	US-PGPUB; USPAT; USOCR	OR	ON	2008/08/20 12:49
S39	2	("20020161310").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 08:07
S40	1531	(600/547).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 08:15
S41	126	(600/506).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 08:15
S42	97	(600/536).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/08/26 08:15
S43	300	differential same (signal or voltage or current) and (S40 or S41 or S42)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/26 08:15
S44	11263	differential same (signal or voltage or current) same (cancel or harmonic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/26 08:34
S45	1384	differential same (signal or voltage or current) same (cancel or harmonic) same impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/26 08:34
S46	501	differential same (signal or voltage or current) same (cancel or harmonic) and impedance.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/08/26 08:35
S47	1	("5623938").URPN.	USPAT	OR	ON	2008/08/26 08:53
S48	2	("2004/0158167").URPN.	USPAT	OR	ON	2008/09/24 13:09

S49	89	(US-20070004988-\$ or US-20080180042-\$ or US-20040158167-\$ or US-20040243018-\$ or US-20040210158-\$ or US-20050192488-\$ or US-20040253652-\$ or US-20040019292-\$ or US-20040205424-\$ or US-20040181164-\$ or US-20040171961-\$ or US-20020123694-\$ or US-20020161310-\$ or US-20020002389-\$ or US-20050107719-\$ or US-20050054939-\$ or US-20070293783-\$ or US-20080076998-\$ or US-20080009764-\$ or US-20080009757-\$ or US-20080004904-\$ or US-20080004543-\$ or US-20060241514-\$ or US-20060200033-\$ or US-20060151815-\$ or US-20060085048-\$).did. or (US-20040243019-\$ or US-20040181141-\$ or US-20040167423-\$ or US-20040167422-\$ or US-20040152997-\$ or US-20030216661-\$ or US-20030105411-\$ or US-20030009110-\$ or US-20030004433-\$ or US-20010047127-\$ or US-20070010758-\$ or US-20030109798-\$ or US-20030004432-\$).did. or (US-6768921-\$ or US-7409243-\$ or US-7302292-\$ or US-6122544-\$ or US-5919142-\$ or US-5810742-\$ or US-5807251-\$ or US-5746214-\$ or US-5704355-\$ or US-5588429-\$ or US-5544662-\$ or US-5465730-\$ or US-4486835-\$ or US-7199594-\$ or US-6970738-\$ or US-6856125-\$ or US-6631292-\$ or US-6385474-\$ or US-6339722-\$ or US-5311878-\$ or US-4557271-\$ or US-4537203-\$ or US-4407300-\$ or US-4365634-\$ or US-6625483-\$ or US-4727330-\$).did. or (US-4708146-\$ or US-5372141-	US-PGPUB; USPAT; DERWENT	OR	ON	2008/09/24 13:23
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		\$ or US-7148701-\$ or US-6996428-\$ or US-6832111-\$ or US-6751500-\$ or US-6587715-\$ or US-4008712-\$ or US-5749369-\$ or US-6845264-\$ or US-4291708-\$ or US-6625487-\$ or US-6295468-\$ or US-5063937-\$ or US-4823797-\$ or US-7315767-\$ or US-6922586-\$ or US-6684101-\$ or US-6236886-\$ or US-5623938-\$ or US-5454377-\$ or US-3971365-\$).did. or (WO-02053028-\$ or WO-2004047643-\$).did.				
S50	1540	(600/547).CQLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/09/24 13:24
S51	332	S50 and (differential)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/24 13:24
S52	8678	single same (end\$3) same differential same conver\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/09/24 13:50
S55	2	("2002161310").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/06 10:55
S56	2	("20020161310").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/06 10:55
S57	2	("2004/0158167").URPN.	USPAT	OR	ON	2008/10/06 11:15
S58	8	("20020093992"   "4184486"   "4291708"   "5415164"   "5919142"   "6584348"   "6625487"   "6845264").PN. OR ("7212852").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 11:30
S59	452070	(impedance or bioimpedance or bio? impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 11:35
S60	286911	(differential or complementary) same (current or voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 11:37



S67	97	(US-20070004988-\$ or US-20080180042-\$ or US-20040158167-\$ or US-20040243018-\$ or US-20040210158-\$ or US-20050192488-\$ or US-20040253652-\$ or US-20040019292-\$ or US-20040205424-\$ or US-20040181164-\$ or US-20040171961-\$ or US-20020123694-\$ or US-20020161310-\$ or US-20020002389-\$ or US-20050107719-\$ or US-20050054939-\$ or US-20070293783-\$ or US-20080076998-\$ or US-20080009764-\$ or US-20080009757-\$ or US-20080004904-\$ or US-20080004543-\$ or US-20060241514-\$ or US-20060200033-\$ or US-20060151815-\$ or US-20060085048-\$).did. or (US-20040243019-\$ or US-20040181141-\$ or US-20040167423-\$ or US-20040167422-\$ or US-20040152997-\$ or US-20030216661-\$ or US-20030105411-\$ or US-20030009110-\$ or US-20030004433-\$ or US-20010047127-\$ or US-20070010758-\$ or US-20030109798-\$ or US-20030004432-\$ or US-20040127811-\$ or US-20060009710-\$ or US-20050004490-\$ or US-20040092839-\$ or US-20030088185-\$ or US-20010051774-\$).did. or (US-6768921-\$ or US-7409243-\$ or US-7302292-\$ or US-6122544-\$ or US-5919142-\$ or US-5810742-\$ or US-5807251-\$ or US-5746214-\$ or US-5704355-\$ or US-5588429-\$ or US-5544662-\$ or US-5465730-\$ or US-4486835-\$ or US-7199594-\$ or US-6970738-\$ or US-6856125-\$ or US-6631292-\$ or US-6385474-\$ or US-6339722-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 11:52
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		5311878-\$ or US-4557271-\$ or US-4537203-\$ or US-4407300-\$ or US-4365634-\$ or US-6625483-\$ or US-4727330-\$).did. or (US-4708146-\$ or US-5372141-\$ or US-7148701-\$ or US-6996428-\$ or US-6832111-\$ or US-6751500-\$ or US-6587715-\$ or US-4008712-\$ or US-5749369-\$ or US-6845264-\$ or US-4291708-\$ or US-6625487-\$ or US-6295468-\$ or US-5063937-\$ or US-4823797-\$ or US-7315767-\$ or US-6922586-\$ or US-6684101-\$ or US-6236886-\$ or US-5623938-\$ or US-5454377-\$ or US-3971365-\$ or US-6584348-\$ or US-5415164-\$).did. or (WO-02053028-\$ or WO-2004047643-\$).did.				
S68	55	S67 and (differential or complementary)	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 11:53
S69	7310	(differential or complementary) with (current or voltage) with generator	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:00
S70	1898	(differential or complementary) with (current or voltage) with generator.ab.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:00
S71	964	(differential or complementary) with (current) with generator. ab.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:01
S72	5	(differential or complementary) with (current) with generator. ab. and tissue	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:01
S73	513	(differential or complementary) with (current) with generator same output.ab.	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:02
S74	1221	single same end same differential same current	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:05
S75	103	single same end same differential same current and tissue	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:05

S76	68	single same end same differential same current same generator	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:07
S77	3	("20020113626"   "6002299"   "6798268"). PN. OR ("7327301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 12:08
S78	3	("20020113626"   "6002299"   "6798268"). PN. OR ("7327301").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 12:09
S79	6	single same end same differential same current same shield same impedance	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:53
S80	23	single same end same differential same current same shield	US-PGPUB; USPAT; DERWENT	OR	ON	2008/10/06 12:54
S81	2	"6768921".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:00
S82	40343	processor same ((digital near2 analog\$3 adj converter) or DAC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:07
S83	744	S82 same impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:08
S84	87	S83 and "600".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:08
S85	7817	processor same DAC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:09
S86	115	processor same DAC same impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:09
S87	1544	(600/547).COLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/10/06 13:11
S88	4	processor same DAC and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:11

S89	4	(microprocessor or micro? processor processor) same ((digital adj to analog\$2 adj coverter) or DAC) and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:12
S90	287	(microprocessor or micro? processor processor) same ((digital adj to analog\$2 adj coverter) or DAC) and "600".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:12
S91	124	(microprocessor or micro? processor processor) same ((digital adj to analog\$2 adj coverter) or DAC) and "600".clas. and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:13
S92	33	DAC and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:14
S93	139498	(microprocessor or micro? processor processor) same output same control same (voltage or signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:38
S94	3606	(microprocessor or micro? processor processor) same output same control same (voltage or signal) same electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:38
S95	2787	(microprocessor or micro? processor processor) same output same control with (voltage or signal) same electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:38
S96	221	S95.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:39
S97	2139	(microprocessor or micro? processor processor) same output same impedance same control with (voltage or signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:40
S98	164	(microprocessor or micro? processor processor) same output same impedance same control with (voltage or signal).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:40
S99	22	(microprocessor or micro? processor processor) same output same impedance same control with (voltage or signal) and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:42

S100	38	("20020022787"   "5086781"   "5231990"   "5280429"   "5503157"   "5529072"   "5551435"   "5584298"   "5674264"   "5746214"   "5788643"   "6010454"   "6055452"   "6122544"   "6421559"   "6473640"   "6561986"   "6740518"   "6829503").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:45
S101	93	electrode same shield same generator same feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:57
S102	2816	electrode same shield same impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:58
S103	98	electrode same shield same impedance and "600".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:58
S104	248	electrode same shield same impedance same feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 13:58
S105	14	("2976462"   "3521087"   "3605728"   "3620208"   "4417590"   "4577639"   "4742831"   "4848335"   "4890630"   "5042498"   "6553250").PN. OR ("7260428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 13:59
S106	14	("2976462"   "3521087"   "3605728"   "3620208"   "4417590"   "4577639"   "4742831"   "4848335"   "4890630"   "5042498"   "6553250").PN. OR ("7260428").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 14:01
S107	160	electrode same shield same signal same impedance same feedback	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 14:02
S108	931	shield same drive same signal same amplifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 14:06
S109	354	shield same drive same signal same amplifier same (impedance or electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 14:06

S110	311	shield same signal same amplifier same (impedance or electrode) same (differential or complementary)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 14:16
S111	364	shield same signal same differential same (voltage or current) same (lead or electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 14:24
S112	18	shield same signal same differential same (voltage or current) same (lead or electrode).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 14:25
S113	301	shield same impedance same negative same capacitance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 14:29
S114	14518	differential same input same network	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:15
S115	7112	impedance and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:16
S116	7365	common with mode with rejection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:16
S117	825	S115 and S116	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:16
S118	33	S117 and "600".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:17
S119	39	S87 and common with mode with rejection	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:20
S120	16	differential same input same network and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:32
S121	160	S116 same (first same second same filter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:36
S122	64848	high near4 pass with filter \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:39

S123	174882	low near4 pass with filter \$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:39
S124	6	S121 same S122 same S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:39
S125	68	S116 same S122 same S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 15:54
S126	1142	remov\$3 same high same frequency same common same noise	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 16:07
S127	248	impedance same remov\$3 same high same frequency same common same noise	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 16:07
S128	0	EP-0576114-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 16:18
S129	2	EP-576114-\$.did.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 16:18
S130	717	signal same conditioning same circuit same differential same amplifier	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 16:28
S131	0	S130 and impedance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 16:32
S132	156	signal same conditioning same circuit same differential same amplifier and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 16:32
S133	278	(high near4 pass) same (common near4 mode) same (low near4 pass)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 16:36
S134	2	("6841987"   "7256575"). PN. OR ("7402991"). URPN	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 16:42
S135	7	("5107210"   "5172051"   "5256974"   "5512838"   "6373348"   "6822463"). PN. OR ("7256575"). URPN	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:03
S136	338252	impedance	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:18

S137	9054	common same mode same (voltage or current) same (measure\$4 or detect\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:18
S138	4282	S136 and S137	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:18
S139	1486	S136 same S137	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:19
S140	48	S136 same S137.ab.	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:19
S141	0	common same (voltage or current) same (measure\$4 or detect\$4) same calcat\$4 same calibrat\$3 same impedance	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:31
S142	0	common same calcat\$4 same calibrat\$3 same impedance	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:31
S143	30918	common same voltage same impedance	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:32
S144	1125	common same voltage same impedance same calibrat\$3	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:32
S145	19	S144 and differential same amp	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:32
S146	248	S144 and differential same (amp or amplifier)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:33
S147	447	impedance same common same mode same measurement	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:41
S148	256	impedance same common same mode same voltage same measurement	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:43
S149	13919	common with mode with voltage	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:54
S150	55131	magnitude with phase	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:54
S151	338252	impedance	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:54
S152	24	S149 same S150 same S151	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:54
S153	157697	common with (mode or voltage)	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/06 17:56
S160	42020	program\$ same gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:09
S161	846190	signal with (condition\$4 or filter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:09



S162	0	S160 and S161 and 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:10
S163	45	S160 and S161 and 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:10
S164	1595	calibrate same impedance same common same voltage same (phase or magnitude) 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:17
S165	1	calibrate same impedance same common same voltage same (phase or magnitude) and 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:17
S166	3	calibrate same impedance and common same voltage same (phase or magnitude) and 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:18
S167	1	calibrate same impedance same voltage same (phase or magnitude) and 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:30
S168	28	calibrat\$4 same impedance same voltage same (phase or magnitude) and 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:31
S169	46	calibrat\$4 same voltage same (phase or magnitude) and 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:31
S170	6	common same calibrat\$4 same (phase or magnitude) and 600/547.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/06 18:36
S171	5	*722509*.ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/22 18:55

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